

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An anomalous shadow detection system comprising
anomalous shadow detecting means for detecting a suspected anomalous shadow from
image data descriptive of an inputted image according to a prescribed detection process, and
image output means for outputting information including at least information identifying
the detected suspected anomalous shadow, wherein

AB the image output means further outputs value(s) of one or more standard parameters
concerning the suspected anomalous shadow together with the information including at least the
information identifying the suspected anomalous shadow, wherein each of said one or more
standard parameters is a parameter used for distinguishing the suspected anomalous shadow from
a normal shadow.

2. (original): An anomalous shadow detection system according to Claim 1, wherein the
image output means is either of image display means or printing means.

3. (original): An anomalous shadow detection system according to Claim 1, wherein the
image output means further outputs certainty of detection of the suspected anomalous shadow
together with the information including the identifying the suspected anomalous shadow.

4. (original): An anomalous shadow detection system according to Claim 3, wherein the
image output means is either of image display means or printing means.

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5. (original): An anomalous shadow detection system according to Claim 1, wherein said one or more standard parameters include at least one of calcification density, image density concentration of the suspected anomalous shadow, an output value of an iris filter, and malignancy/benignancy of the suspected anomalous shadow.

6. (original): An anomalous shadow detection system according to Claim 5, wherein the image output means is either of image display means or printing means.

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7. (original): An anomalous shadow detection system according to Claim 1, wherein said one or more standard parameters include at least one of calcification density, image density concentration of the suspected anomalous shadow, an output value of an iris filter, and malignancy/benignancy of the suspected anomalous shadow, and wherein

the image output means further outputs certainty of detection of the suspected anomalous shadow together with the information including the information identifying the suspected anomalous shadow.

8. (original): An anomalous shadow detection system according to Claim 7, wherein the image output means is either of image display means or printing means.

9. (canceled).

10. (currently amended): An anomalous shadow detection system according to Claim-9 1, wherein the image output means is either of image display means or printing means.

11. (currently amended): An anomalous shadow detection system according to Claim 1, ~~wherein each of said one or more standard parameters is a parameter used for distinguishing the suspected anomalous shadow from a normal shadow, and wherein~~

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said one or more standard parameters include at least one of calcification density, image density concentration of the suspected anomalous shadow, an output value of an iris filter, and malignancy/benignancy of the suspected anomalous shadow.

12. (original): An anomalous shadow detection system according to Claim 11, wherein the image output means is either of image display means or printing means.

13. (currently amended): An anomalous shadow detection system according to Claim 1,

wherein

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CON-1 ~~each of said one or more standard parameters is a parameter used for distinguishing the suspected anomalous shadow from a normal shadow, wherein~~

said one or more standard parameters include at least one of calcification density, image density concentration of the suspected anomalous shadow, an output value of an iris filter, and malignancy/benignancy of the suspected anomalous shadow, and wherein

the image output means further outputs certainty of detection of the suspected anomalous shadow together with the information including the information identifying the suspected anomalous shadow.

14. (original): An anomalous shadow detection system according to Claim 13, wherein the image output means is either of image display means or printing means.

15. (original): An anomalous shadow detection system comprising
anomalous shadow detecting means for detecting a suspected anomalous shadow from
image data descriptive of an inputted image according to a prescribed detection process, and
image output means for outputting information including at least information identifying
the detected suspected anomalous shadow, wherein

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the image output means further outputs certainty of detection of the suspected anomalous shadow together with the information including the information identifying the suspected anomalous shadow.

16. (original): An anomalous shadow detection system according to Claim 15, wherein the image output means is either of image display means or printing means.

17. (currently amended): An anomalous shadow detection system according to any one of Claims 1-8, and 10-16, wherein the information identifying the suspected anomalous shadow is either of an image of the suspected anomalous shadow or numerical data descriptive of a position, morphology or size of the suspected anomalous shadow.
